

- Collision Avoidance and Motion Planning for Mobile Robots  
Maria Shvets, Natalie Campau, Shaurya Malhotra, and Shubh Malhotra
- As college students, do you agree or disagree with the open AI requirement of access to have to have consent below the age of 18?  
Aysan Tojjar Mohajeri
- Mathematical modeling of CO<sub>2</sub> emissions  
Maria Shvets, Natalie Campau, Shaurya Malhotra, and Shubh Malhotra
- Development of the AGILE for Solar Energy Optimization  
Erik Adamick and Aigerim Alykulova
- Halotolerance of *Saccharomyces Cerevisiae*  
Kenneth Jordan, Rangheen Salihi, and Joseph Diaz
- Adolescent Substance Use Prevention in the United States: Implementing the Icelandic Model of prevention to improve social outcomes  
Fiona Miller
- There's CRISPRs in my Yogurt?!  
Reegan West, Mylena Nguyen, and Bianca Lungu
- The antibacterial effect of Ohi'a Lehua Blossom Honey on E. Coli and Bacillus Cereus  
Eda Keskin
- Defining Optimal Temperature Preference of *Saccharomyces cerevisiae*  
Kaylyn Riley, Julianna Hernandez, and Kara Jalalsadat
- Yeast Shield: SPF's UV Defense  
Lavanya Garre and Jasmine Jaber
- Viability of Yeast Cells in Various Salt Solutions  
Kate Shirley, Blake Schaefer, and Kaya Miller
- Interplay: The Effects of Depression & Anxiety on Metabolic Syndrome  
Andesha Birch
- Gaming Cabinet  
Yoni Dembo and Emma Bolz
- Chair Project  
Yoni Dembo
- Community Cookbook  
Liam Story and Bekzat Uraimov
- Technology changes the vision of our youth- A meta study  
Elisabeth Kirsten
- Plastics from the environment are colonized by bacteria with possible plastic degrading abilities  
Elzena Jenkins, Suzannah Erickson, and Chelsea Day



# 2024 APPLIED RESEARCH SYMPOSIUM

May 23  
5:00-7:00pm

## Welcome

The Applied Research Symposium is an opportunity for students to present their work. View the posters and talk with students.

Please enjoy the snacks available.

Also a special thanks to the Gen-Ed Division for printing and other costs.

Thank you to LWTech Foundation for providing the refreshments and prize gift cards for this event.

And thank you for all your amazing work supporting LWTech students.

Don't forget to vote for  
your favorite poster!



## Agenda For The Evening

*Posters are available for viewing throughout the event*

5:00pm Poster Set Up, Students Arriving

5:10 pm Welcome and Opening Remarks

5:45 pm Student Panel Discussion

6:45pm Certificates and Student Awards

7:00pm Closing Remarks

